I CLAIM:

1. A computer-based system providing selective sound patterns upon recognition of data input

2 events, said system comprising:

3   computer memory storing a plurality of computer inputs;

4   program memory prestoring a plurality of possible data inputs;

5   processing element correlating said data input to one or more of said prestored inputs, said

6   correlation representing an event and comprising one or more of:

7   a determination of a match between partial data inputs to complete

8   prestored entries, determination of errors based on an evaluation of

9   formatting of said data input, and determination of errors based on an

10   evaluation of multiple data inputs to rules based logic;

11   upon recognition of a correlation, said processing element selecting a specific sound

12   pattern representative of said event; and

13   a sound source reproducing said specific sound pattern.

1 2. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein one or more parts of said system are located locally or connected

3 by networks comprising any of: LANs, WANs, cellular, Internet, Web or wireless web based

4 connections.

1 3. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein said rules based logic comprises one or more of: language,

3 formatting, syntactical and grammatical rules.

1 4. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein said rules based logic comprises punctuation rules.

1 5. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein said prestored entries comprise programming language codes.

1 6. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein said prestored entries comprise personal information, such as

3 addresses, phone numbers, and Social Security numbers.

1 7. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, wherein said formatting comprises any of: URLs, e-mail addresses, or

3 entries to a standard template or electronic form.

1 8. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 1, further comprising an optional corrective action suggestion to complete

3 partial data inputs or correct data inputs with detected errors.

1 9. A computer-based system providing selective sound patterns upon recognition of improper

2 formatting of data input events, said system comprising:

3   computer memory storing a plurality of computer inputs;

4   program memory prestoring a plurality of possible data inputs;

5   processing element correlating said data input to one or more of said prestored inputs, said

6   correlation representing an event and comprising one or more of:

7   a determination of a match between partial data inputs to complete prestored

8   entries, determination of errors based on an evaluation of formatting of said

9   data input, and determination of errors based on an evaluation of multiple data

10   inputs to rules based logic;

11   upon recognition of a correlation, said processing element selecting a specific sound pattern

12   representative of said event;

13   a sound source reproducing said specific sound pattern; and

14   alternative data that can be optionally selected by a user for substitution of said data input

15   based upon said correlation.

1 10. A computer-based system providing selective sound patterns upon recognition of data input

2 events, as per claim 9, wherein one or more parts of said system are located locally or connected

3 by networks comprising any of: LANs, WANs, cellular, Internet, Web or wireless web based

4 connections.

1   11.   A computer-based system providing selective sound patterns upon recognition of data input

2   events, as per claim 9, wherein said rules based logic comprises one or more of: language,

3   formatting, syntactical and grammatical rules.

1   12.   A computer-based system providing selective sound patterns upon recognition of data input

2   events, as per claim 9, wherein said rules based logic comprises punctuation rules.

1   13.   A computer-based system providing selective sound patterns upon recognition of data input

2   events, as per claim 9, wherein said prestored entries comprise programming language codes.

1   14.   A computer-based system providing selective sound patterns upon recognition of data input

2   events, as per claim 9, wherein said prestored entries comprise personal information, such as

3   addresses, phone numbers, and Social Security numbers.

1   15.   A computer-based system providing selective sound patterns upon recognition of data input

2   events, as per claim 9, wherein said formatting comprises any of: URLs, e-mail addresses, or

3   entries to a standard template or electronic form.

1   16.   A method for notifying a computer user of specific word processing events by selected

2   sound patterns, said method comprising the steps of:

3   receiving word processing inputs;

4   storing in computer memory said received word processing inputs;

5   retrieving selected related word processing inputs from a library of prestored word

6   processing inputs;

7   comparing said received word processing inputs with said selected word processing inputs

8   to determine an event comprising one or more of: a match between received partial

9   inputs to complete prestored word processing inputs, errors based on an evaluation of

10   formatting of said received inputs, or errors based on an evaluation of multiple

11   received inputs to rules based logic;

12   selecting a specific sound pattern representative of said event; and

13   producing said selected sound pattern through a sound source.

1   17.   A method for notifying a computer user of specific word processing events by selected

2   sound patterns, as per claim 16, further comprising the step of suggesting possible word

3   processing inputs to complete or correct said received word processing inputs.

1   18.   A method for notifying a computer user of specific word processing events by selected

2   sound patterns, as per claim 16, wherein said match between partial inputs to complete received

3   word processing inputs is determined by recognizing personal information, such as: personal

4   addresses, phone numbers, and Social Security numbers.

1   19.   A method for notifying a computer user of specific word processing events by selected

2   sound patterns, as per claim 16, wherein said evaluation of formatting of said received inputs

3   further comprises the step of determining if the specific word processing events comprise e-mail

4   addresses, URLs, or entries for a template or a standard form.

1   20.   A method for notifying a computer user of specific word processing events by selected

2   sound patterns, as per claim 16, wherein said sound pattern is modified to indicate the severity of

3   a detected word processing event.

1   21.   An article of manufacture comprising a computer program product, said computer program

2   product comprising a computer usable medium having computer readable program code:

3   said computer readable program code embodying a method comprising the steps of:

4   receiving computer inputs;

5   storing in computer memory said received word processing inputs;

6   retrieving selected related word processing inputs from a library of prestored word

7   processing inputs;

8   comparing said received word processing inputs with said selected word processing inputs

9   to determine an event comprising one or more of: a match between received partial

10   inputs to complete prestored word processing inputs, errors based on an evaluation of

11   formatting of said received inputs, or errors based on an evaluation of multiple

12   received inputs to rules based logic;

13   selecting a specific sound pattern representative of said event; and

14   producing said selected sound pattern through a sound source.

1   22.   An article of manufacture comprising a computer program product, as per claim 21, further

2   comprising a step comprising an optional corrective action suggestion to complete partial data

3   inputs or correct data inputs with detected errors.